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PTO/SB/21 (09-04)

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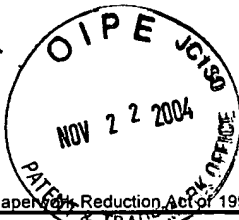
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/797,343	
	Filing Date	March 10, 2004	
	First Named Inventor	Robert Dobbs	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	1	Attorney Docket Number	498P001

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Firm Name	Hancock & Estabrook, LLP	
Signature		
Printed name	Christopher R. Pastel	
Date	November 19, 2004	Reg. No. 37,694

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/797,343
Filing Date	March 10, 2004
First Named Inventor	Robert Dobbs
Art Unit	
Examiner Name	
Attorney Docket Number	498P001

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 5,407,464	04/18/95	Kaliski	
	B	US- 5,704,556	01/06/98	McLaughlin	
	C	US- 2,581,414	01/08/52	Hochberg	
	D	US- 5,478,705	12/26/95	Czekai, et al.	
	E	US- 5,518,187	05/21/96	Bruno, et al.	
	F	US- 3,690,962	09/12/72	Rudy	
	G	US- 3,737,289	06/05/73	Rudy	
	H	US- 3,779,745	12/18/73	Rudy	
	I	US- 4,066,451	01/03/78	Rudy	
	J	US- 6,520,837	02/18/03	Weichert	
	K	US- 5,033,682	07/23/91	Braun	
	L	US- 6,387,152	05/14/02	Klassen et al.	
	M	US- 6,627,104	09/30/03	Wang et al.	
	N	US- 6,017,504	01/25/00	Kaliaguine et al.	
	O	US- 6,152,982	11/28/00	Froes et al.	
	P	US- 6,403,257	06/11/02	Christian et al.	
	Q	US- 6,231,636	05/15/01	Froes	
	R	US- 4,275,026	06/23/81	Hazel et al.	
	S	US- 5,034,069	07/23/91	Farge et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	T	JP 4293557	10/19/92	Kitagaki		
	U	JP 8276364	10/22/96	Toyokura		
	V	JP 2001030175	02/06/2001	Ueno		
	W	JP 200202264023	09/18/2002	Une		

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/797,343
Filing Date	March 10, 2004
First Named Inventor	Robert Dobbs
Art Unit	
Examiner Name	
Attorney Docket Number	498P001

Sheet 2 of 3

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		Number-Kind Code <sup>2</sup> (if known)			
	X	US- 5,246,056	09/21/93	Lomax et al.	
	Y	US- 5,261,477	11/16/93	Brunet et al.	
	Z	US- 5,310,605	05/10/94	Baldoni, II et al.	
	AA	US- 5,401,694	03/28/95	Gesing et al.	
	AB	US- 5,918,103	06/29/99	Kobayashi et al.	
	AC	US- 5,993,506	11/30/99	Kobayashi et al.	
	AD	US- 5,500,289	03/19/96	Gavish	
	AE	US- 6,036,099	03/14/00	Zhao et al.	
	AF	US- 6,254,658	07/03/01	Taniuchi et al.	
	AG	US- 6,571,493	06/03/03	Amano et al.	
	AH	US- 6,669,747	12/30/03	Salman	
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				Art Unit		
Examiner Name						
Attorney Docket Number	498P001					
Sheet	3	of	3			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AI	[022] V. N. Eremenko, et al, "Investigations of alloys or the ternary systems W-HfC-C and W-ZrC-C at subsolidus temperatures," Dokl.Akad. Nauk. Ukr. SSSR, Ser. A No. 1, 83-88 (1976)	
	AJ	L.V. Artyukh, et al, "Physicochemical reactions of tungsten carbide with hafnium carbide," Izv. Akad. Nauk SSSR, Neorg. Mater., No. 4, 634-637 (1976)	
	AK	T. Ya. Velikanova, et al, "Effect of alloying on the structure and properties of cast WC1-x Materials," Poroshkovaya Metallurgiya, No. 2 (218), 53-58, (1981)	

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